

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020623AL\
 Data File : FE040223.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2023 12:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 05:03:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.897	2951486	18.235 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
12) S 1-chlorooctadecane (S...	13.336	2234308	18.015 ug/ml
Spiked Amount 50.000		Recovery =	36.03%
Target Compounds			
1) T n-Nonane (C9)	3.291	2393600	17.587 ug/ml
2) T n-Decane (C10)	4.540	2386194	17.959 ug/ml
3) T A~Naphthalene (C11.7)	6.243	2632040	17.984 ug/ml
4) T n-Dodecane (C12)	6.704	2429304	18.043 ug/ml
5) T A~2-methylnaphthalene...	7.338	2447544	18.082 ug/ml
6) T n-Tetradecane (C14)	8.531	2492230	18.084 ug/ml
7) T n-Hexadecane (C16)	10.139	2614064	18.214 ug/ml
8) T n-Octadecane (C18)	11.582	2712021	18.232 ug/ml
10) T n-Eicosane (C20)	12.891	2690986	18.304 ug/ml
11) T n-Heneicosane (C21)	13.502	2685285	18.206 ug/ml
13) T n-Docosane (C22)	14.090	2746179	18.534 ug/ml
14) T n-Tetracosane (C24)	15.193	2839203	18.703 ug/ml
15) T n-Hexacosane (C26)	16.215	2839797	19.156 ug/ml
16) T n-Octacosane (C28)	17.166	2891369	19.293 ug/ml
17) T n-Tricontane (C30)	18.055	2923992	19.817 ug/ml
18) T n-Dotriacontane (C32)	18.888	2865797	19.567 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2533406	18.419 ug/ml
20) T n-Hexatriacontane (C36)	20.415	2221285	16.746 ug/ml
21) T n-Octatriacontane (C38)	21.147	2067260	15.935 ug/ml
22) T n-Tetracontane (C40)	22.047	1974889	14.874 ug/ml

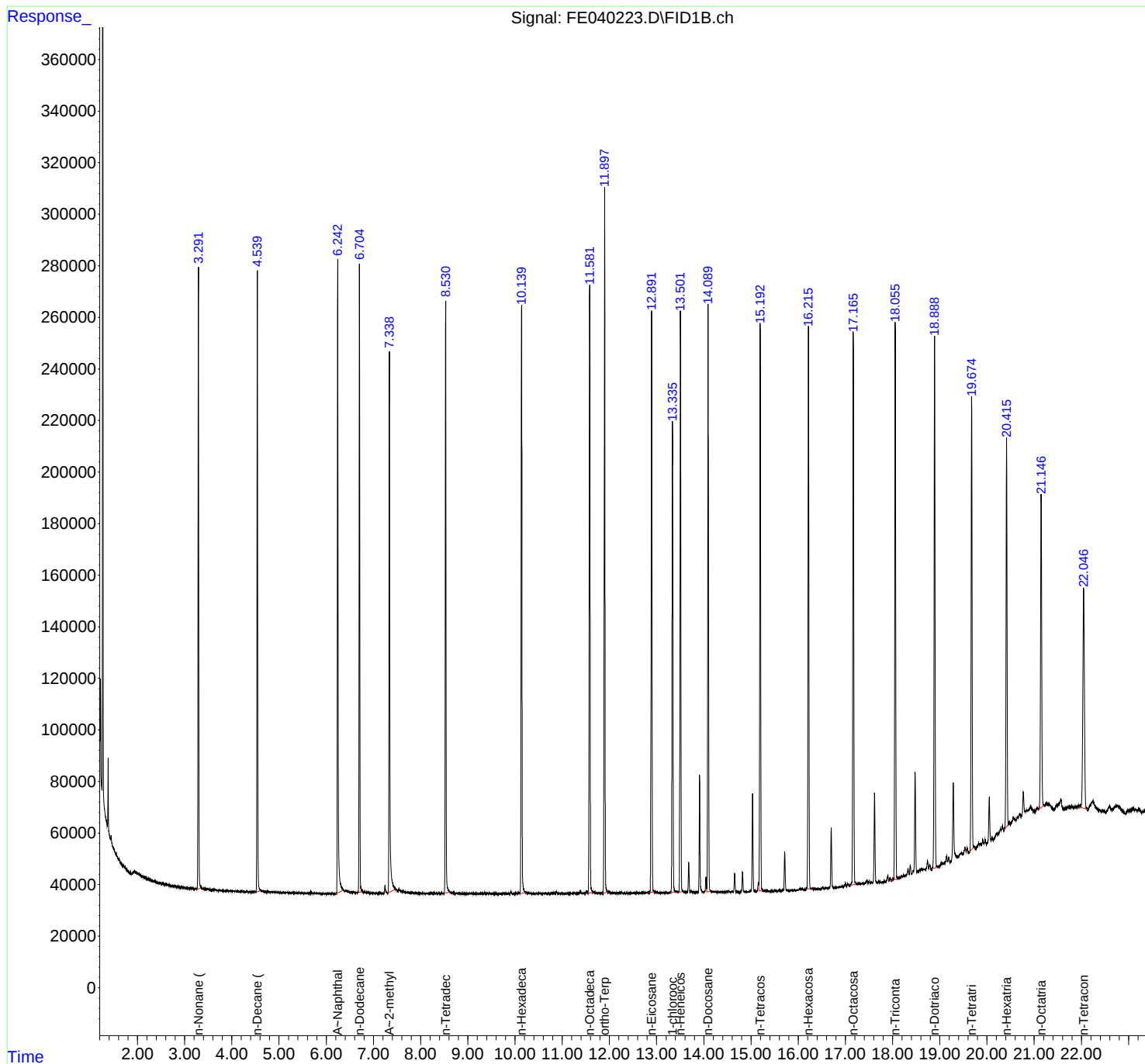
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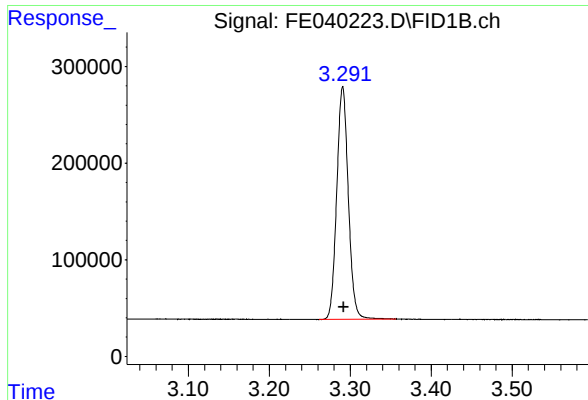
(m)=manual int.

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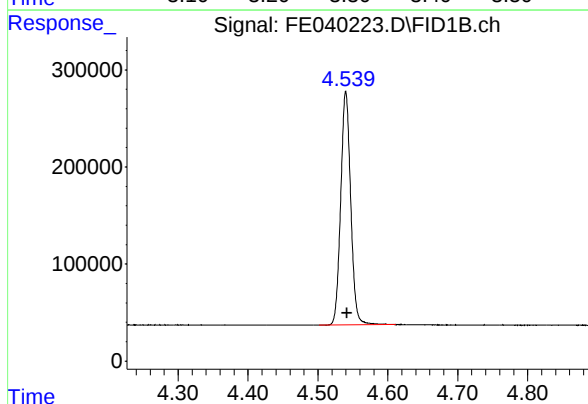
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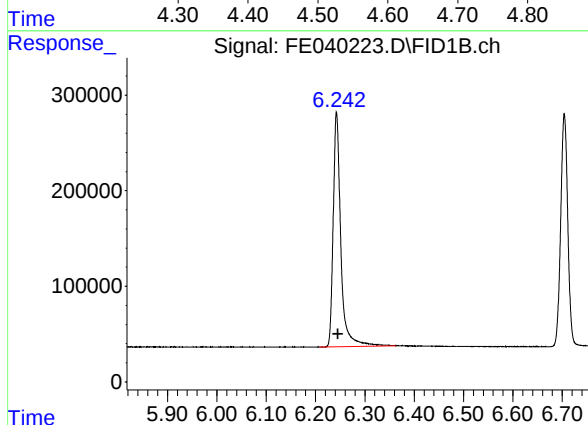
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.001 min
Response: 2393600
Conc: 17.59 ug/ml



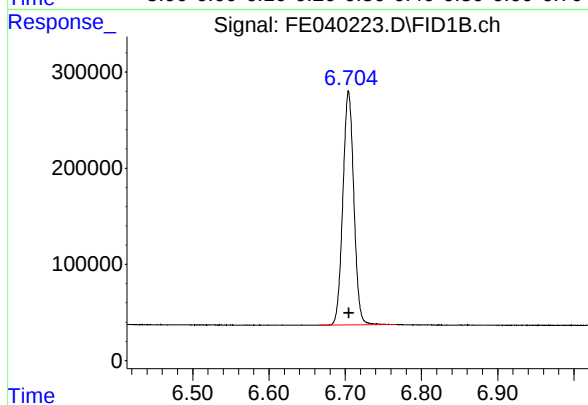
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.001 min
Response: 2386194
Conc: 17.96 ug/ml



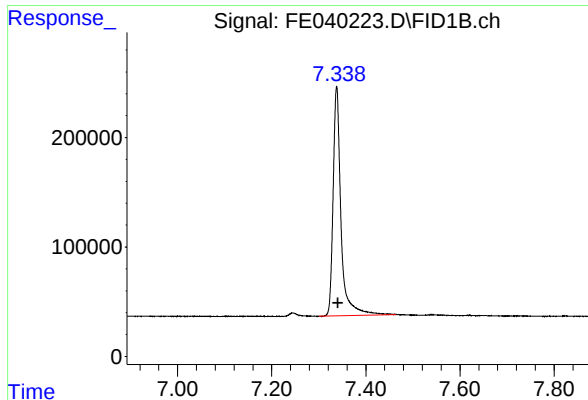
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 2632040
Conc: 17.98 ug/ml



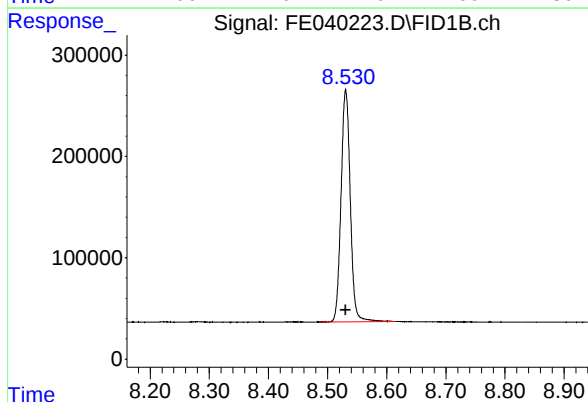
#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 2429304
Conc: 18.04 ug/ml



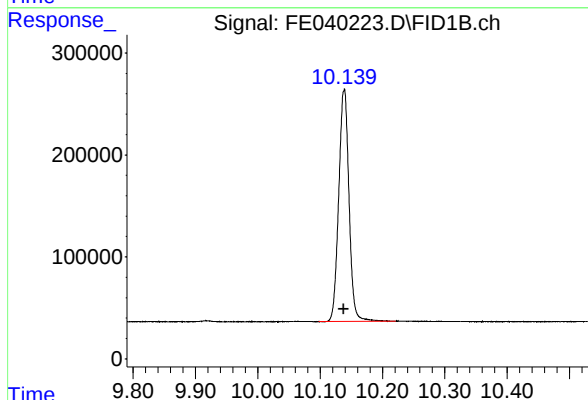
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 2447544
Conc: 18.08 ug/ml



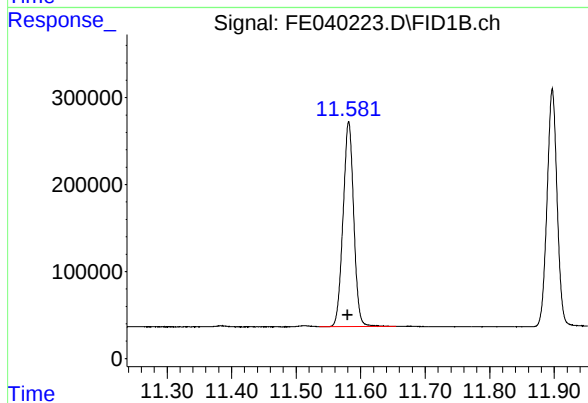
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 2492230
Conc: 18.08 ug/ml



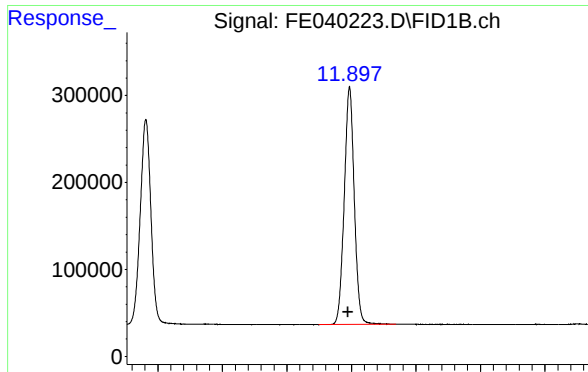
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 2614064
Conc: 18.21 ug/ml



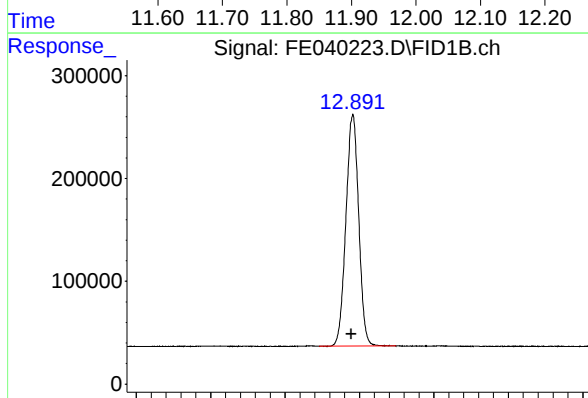
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: 0.002 min
Response: 2712021
Conc: 18.23 ug/ml



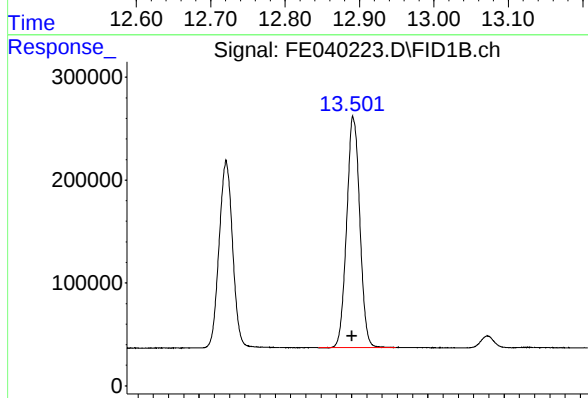
#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: 0.003 min
Response: 2951486
Conc: 18.23 ug/ml



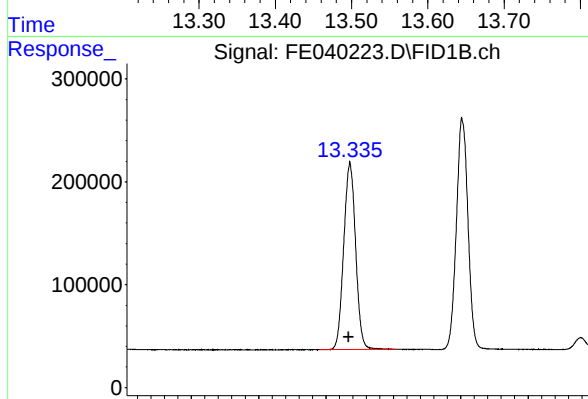
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: 0.002 min
Response: 2690986
Conc: 18.30 ug/ml



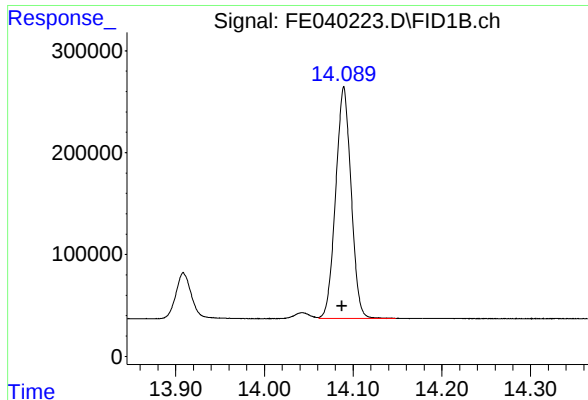
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: 0.001 min
Response: 2685285
Conc: 18.21 ug/ml



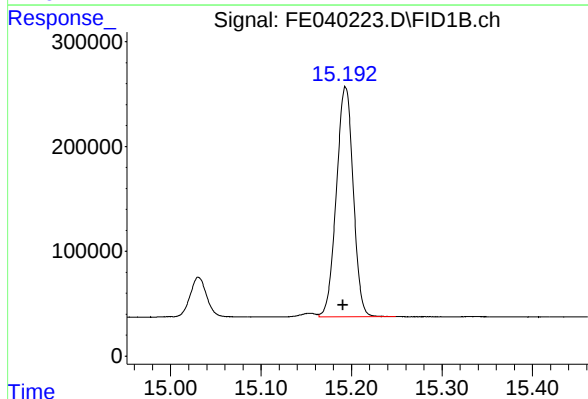
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: 0.002 min
Response: 2234308
Conc: 18.02 ug/ml



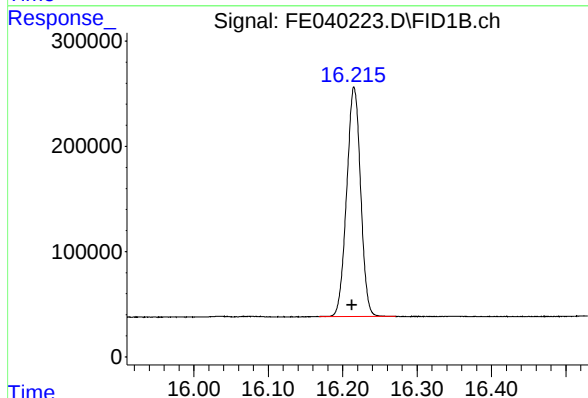
#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: 0.002 min
Response: 2746179
Conc: 18.53 ug/ml



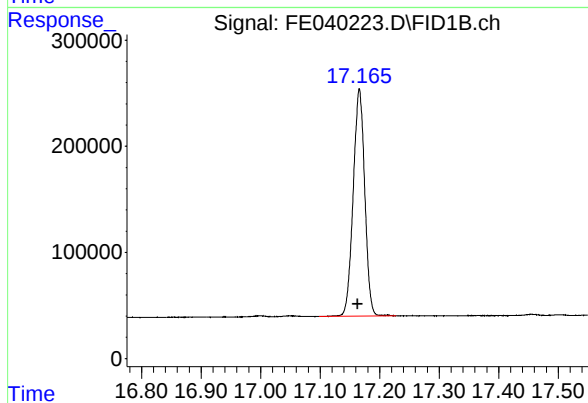
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: 0.003 min
Response: 2839203
Conc: 18.70 ug/ml



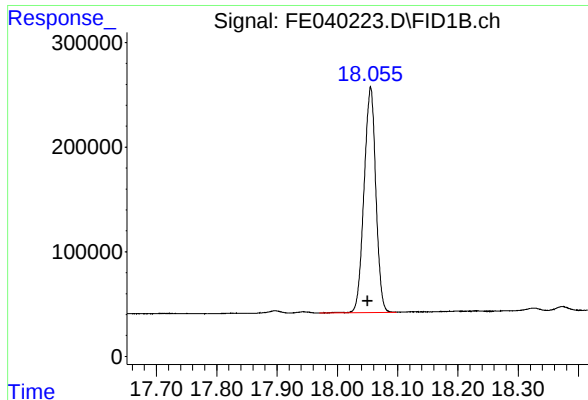
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 2839797
Conc: 19.16 ug/ml



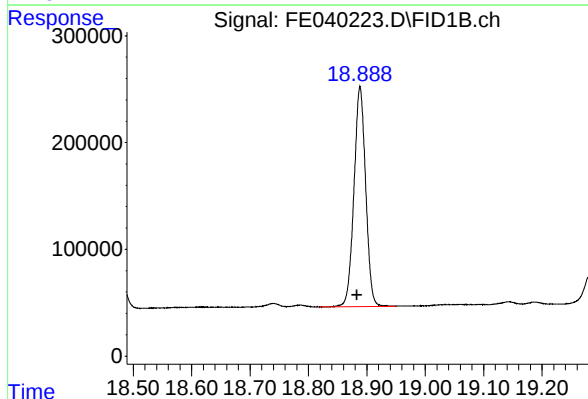
#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: 0.003 min
Response: 2891369
Conc: 19.29 ug/ml



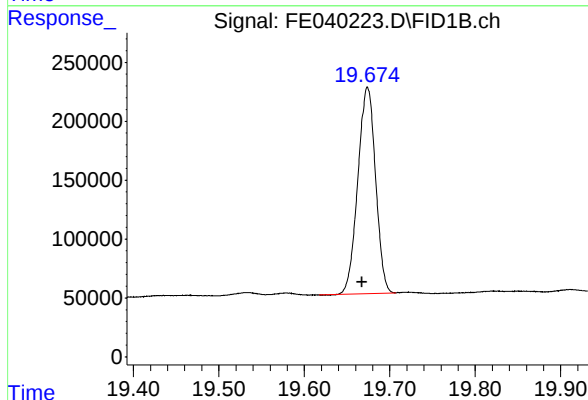
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: 0.005 min
Response: 2923992
Conc: 19.82 ug/ml



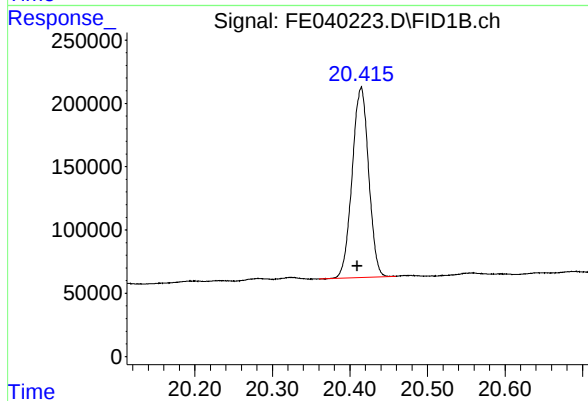
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: 0.006 min
Response: 2865797
Conc: 19.57 ug/ml



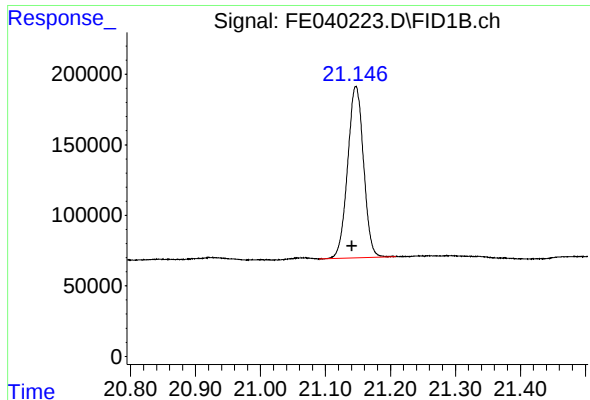
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: 0.006 min
Response: 2533406
Conc: 18.42 ug/ml



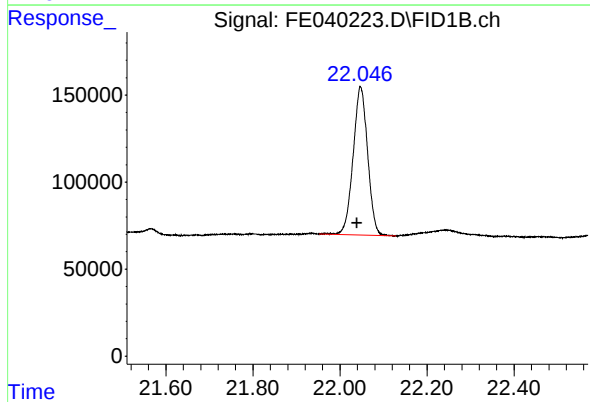
#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: 0.005 min
Response: 2221285
Conc: 16.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: 0.006 min
Response: 2067260
Conc: 15.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.047 min
Delta R.T.: 0.008 min
Response: 1974889
Conc: 14.87 ug/ml